



RAMACHANDRA EDUCATIONAL FOUNDATION

List of the Programmes devoted to Teaching or Research in Unique Disciplines

All the proposed 19 programmes to offer in **Ramachandra-DTBU** are Unique and Distinct Category, as per UGC (Institutions deemed to be Universities) Regulations, 2023.

UG / UG(Hons) / UG (BVoc) / UG-PG Integrated / PG Nature / PG-Research

Number of UG Programmes Proposed to Offer	: 11
Number of UG (Hons) Programmes Proposed to Offer	: 1
Number of UG BVoc Programmes Proposed to Offer	: 1
Number of Integrated UG-PG Programmes Proposed to Offer	: 3
Number of Research-Based PG Programmes to Offer	: 1
Number of PG Programmes Proposed to Offer	: 2

Unique Category

- 1 - Emerging Technology Focus
- 2 - Integration of IKS & Liberal Arts
- 3 - Holistic Wellbeing
- 4 - Innovation and Entrepreneurship Focus
- 5 - Community-Centric Regional Impact

Distinct Category

- I - Interdisciplinary
- M - Multidisciplinary
- T - Transdisciplinary
- IS - Industry-Supported

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List of Programmes

Sl.No	School	UG/PG/ Integrated	Name of the Programme	Duration (Yrs)	Intake	Year of Starting	Unique Category	Distinct Category	Academic Focus
1	Engineering & Technology	UG	B.Tech – Semiconductor Technology & Chip Design	4	60	2027-28	1, 4	I, IS	Semiconductor manufacturing, VLSI, chip design
2		PG	M.Tech – Embedded Systems for Automotive & Defence Electronics	2	24	2029-30	1, 5	I, IS	Embedded electronics, defence & automotive systems
3		Integrated UG-PG	B.Tech–M.Tech – Robotics, Automation & Intelligent Manufacturing	5	60	2029-30	1, 4	M, IS	Robotics, Industry 4.0/5.0, automation
4	Computing	UG	B.Tech – Quantum Computing	4	60	2027-28	1	I, IS	Quantum algorithms, quantum hardware & software
5		UG	B.Sc – Artificial Intelligence & Data Analytics	3	60	2028-29	1, 5	M, IS	AI, ML, data analytics
6		UG	B.Sc – Cyber Systems & Forensic Sciences	3	60	2028-29	1	T	Cybersecurity, digital forensics
7		PG (Research)	M.Sc (Research) – Foundation Models & Domain-Specific LLMs	2	10	2029-30	1	I	Advanced AI, generative models
8	Sciences	UG	B.Sc – Semiconductor Devices & Nano- Electronics	3	60	2028-29	1, 4	I, IS	Nano-electronics, semiconductor physics
9		UG	B.Sc – Robotronics	3	60	2029-30	1, 5	M, IS	Robotics + electronics + computing



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10		UG	B.Sc – Sustainable Technology & Climate Systems	3	60	2029-30	1, 5	M	Climate science, sustainability, green tech
11	Management	UG	BBA (Hons.) – Entrepreneurship & Start-ups	4	60	2028-29	4, 5	I	Startup creation, innovation
12		PG	MBA – Start-up Failure Analytics & Case Research	2	60	2029-30	4, 5	T	Startup analytics, research-based MBA
13		UG	B.Com – Digital Commerce & Financial Technologies	3	60	2027-28	1, 5	M	FinTech, digital finance
14		UG	B.Voc – Aquaculture Operations & Farm Management	3	60	2030-31	5	M, IS	Agri-business, aquaculture
15		UG	B.A – Psychology, Cognitive Science & Mental Health	3	60	2030-31	2, 3	I	Psychology, cognition, wellness
16	Liberal Arts	UG	B.A – Fashion Designing (Digital Fashion)	3	60	2029-30	4, 5	M	Fashion tech, creative industries
17		Integrated UG-PG	Interior Designing & Smart Systems	4	60	2030-31	4, 5	M	Design + smart systems
18	Indian Knowledge Systems (IKS)	UG	B.A – Yoga & Life Sciences	3	60	2030-31	2, 3	I	Yoga, wellness, Indian life sciences
19	Architecture	Integrated UG-PG	Integrated Architecture & Engineering (B.Arch–M.Arch)	6	40	2031-32	1, 4, 5	M	Architecture, engineering, sustainability



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